

Sanjeev Krishna

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206
papers

12,781
citations

54
h-index

108
g-index

217
ext. papers

14,133
ext. citations

9.3
avg, IF

6
L-index

#	Paper	IF	Citations
206	Artemisinins target the SERCA of Plasmodium falciparum. <i>Nature</i> , 2003 , 424, 957-61	50.4	796
205	Mefloquine resistance in Plasmodium falciparum and increased pfmdr1 gene copy number. <i>Lancet, The</i> , 2004 , 364, 438-447	40	624
204	Aquaporin-4 facilitates reabsorption of excess fluid in vasogenic brain edema. <i>FASEB Journal</i> , 2004 , 18, 1291-3	0.9	608
203	The trypanosomiases. <i>Lancet, The</i> , 2003 , 362, 1469-80	40	602
202	Severe hypoglycemia and hyperinsulinemia in falciparum malaria. <i>New England Journal of Medicine</i> , 1983 , 309, 61-6	59.2	356
201	Decreasing pfmdr1 copy number in plasmodium falciparum malaria heightens susceptibility to mefloquine, lumefantrine, halofantrine, quinine, and artemisinin. <i>Journal of Infectious Diseases</i> , 2006 , 194, 528-35	7	285
200	Phase 1 Trials of rVSV Ebola Vaccine in Africa and Europe. <i>New England Journal of Medicine</i> , 2016 , 374, 1647-60	59.2	282
199	Diagnosis of Clostridium difficile infection by toxin detection kits: a systematic review. <i>Lancet Infectious Diseases, The</i> , 2008 , 8, 777-84	25.5	275
198	Severe falciparum malaria in children: current understanding of pathophysiology and supportive treatment 1998 , 79, 1-53		268
197	Artemisinins: their growing importance in medicine. <i>Trends in Pharmacological Sciences</i> , 2008 , 29, 520-7	13.2	234
196	Molecular and pharmacological determinants of the therapeutic response to artemether-lumefantrine in multidrug-resistant Plasmodium falciparum malaria. <i>Clinical Infectious Diseases</i> , 2006 , 42, 1570-7	11.6	228
195	Increased aquaporin 1 water channel expression in human brain tumours. <i>British Journal of Cancer</i> , 2002 , 87, 621-3	8.7	227
194	Plasmodium falciparum: in vitro studies of the pharmacodynamic properties of drugs used for the treatment of severe malaria. <i>Experimental Parasitology</i> , 1993 , 76, 85-95	2.1	219
193	A single amino acid residue can determine the sensitivity of SERCAs to artemisinins. <i>Nature Structural and Molecular Biology</i> , 2005 , 12, 628-9	17.6	213
192	Amodiaquine-artesunate versus amodiaquine for uncomplicated Plasmodium falciparum malaria in African children: a randomised, multicentre trial. <i>Lancet, The</i> , 2002 , 359, 1365-72	40	213
191	Antimalarial combinations. <i>Lancet, The</i> , 2004 , 364, 285-94	40	210
190	Pharmacokinetics of quinine, chloroquine and amodiaquine. Clinical implications. <i>Clinical Pharmacokinetics</i> , 1996 , 30, 263-99	6.2	209

189	Identification of diagnostic markers for tuberculosis by proteomic fingerprinting of serum. <i>Lancet, The</i> , 2006 , 368, 1012-21	40	208
188	Lactic acidosis and hypoglycaemia in children with severe malaria: pathophysiological and prognostic significance. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1994 , 88, 67-73	7.3	179
187	Artemisinins. <i>Postgraduate Medical Journal</i> , 2005 , 81, 71-8	2	170
186	Genome variation and evolution of the malaria parasite <i>Plasmodium falciparum</i> . <i>Nature Genetics</i> , 2007 , 39, 120-5	36.3	159
185	Artemisinins: mechanisms of action and potential for resistance. <i>Drug Resistance Updates</i> , 2004 , 7, 233-44	3.2	145
184	Pre-referral rectal artesunate to prevent death and disability in severe malaria: a placebo-controlled trial. <i>Lancet, The</i> , 2009 , 373, 557-66	40	133
183	<i>Mycobacterium tuberculosis</i> expresses a novel pH-dependent divalent cation transporter belonging to the Nramp family. <i>Journal of Experimental Medicine</i> , 1999 , 190, 717-24	16.6	122
182	Recurrent gene amplification and soft selective sweeps during evolution of multidrug resistance in malaria parasites. <i>Molecular Biology and Evolution</i> , 2007 , 24, 562-73	8.3	120
181	Validation of the hexose transporter of <i>Plasmodium falciparum</i> as a novel drug target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 7476-9	11.5	120
180	Severe malaria - a case of fatal <i>Plasmodium knowlesi</i> infection with post-mortem findings: a case report. <i>Malaria Journal</i> , 2010 , 9, 10	3.6	119
179	A novel and accurate diagnostic test for human African trypanosomiasis. <i>Lancet, The</i> , 2004 , 363, 1358-63	40	117
178	The role of <i>pfmdr1</i> in <i>Plasmodium falciparum</i> tolerance to artemether-lumefantrine in Africa. <i>Tropical Medicine and International Health</i> , 2007 , 12, 736-42	2.3	112
177	A Randomised, Double Blind, Placebo-Controlled Pilot Study of Oral Artesunate Therapy for Colorectal Cancer. <i>EBioMedicine</i> , 2015 , 2, 82-90	8.8	111
176	Intraerythrocytic <i>Plasmodium falciparum</i> expresses a high affinity facilitative hexose transporter. <i>Journal of Biological Chemistry</i> , 1999 , 274, 7272-7	5.4	111
175	Artemisinins inhibit <i>Trypanosoma cruzi</i> and <i>Trypanosoma brucei rhodesiense</i> in vitro growth. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1852-4	5.9	100
174	Severe <i>falciparum</i> malaria in Gabonese children: clinical and laboratory features. <i>Malaria Journal</i> , 2005 , 4, 1	3.6	100
173	The Fe ²⁺ -mediated decomposition, PfATP6 binding, and antimalarial activities of artemisone and other artemisinins: the unlikelihood of C-centered radicals as bioactive intermediates. <i>ChemMedChem</i> , 2007 , 2, 1480-97	3.7	95
172	Occludin expression in microvessels of neoplastic and non-neoplastic human brain. <i>Neuropathology and Applied Neurobiology</i> , 2001 , 27, 384-95	5.2	91

171	Metal ion homeostasis and intracellular parasitism. <i>Molecular Microbiology</i> , 1998 , 28, 403-12	4.1	90
170	Human African trypanosomiasis. <i>BMJ, The</i> , 2002 , 325, 203-6	5.9	86
169	Artemisinins: activities and actions. <i>Microbes and Infection</i> , 2004 , 6, 1339-46	9.3	79
168	Re-evaluation of how artemisinins work in light of emerging evidence of in vitro resistance. <i>Trends in Molecular Medicine</i> , 2006 , 12, 200-5	11.5	78
167	Expression and functional characterization of a Plasmodium falciparum Ca ²⁺ -ATPase (PfATP4) belonging to a subclass unique to apicomplexan organisms. <i>Journal of Biological Chemistry</i> , 2001 , 276, 10782-7	5.4	78
166	Bioavailability and preliminary clinical efficacy of intrarectal artesunate in Ghanaian children with moderate malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 509-16	5.9	70
165	Antimalarial drugs: recent advances in molecular determinants of resistance and their clinical significance. <i>Cellular and Molecular Life Sciences</i> , 2006 , 63, 1586-96	10.3	68
164	Systems Vaccinology Identifies an Early Innate Immune Signature as a Correlate of Antibody Responses to the Ebola Vaccine rVSV-ZEBOV. <i>Cell Reports</i> , 2017 , 20, 2251-2261	10.6	67
163	Telomere-related sequences at interstitial sites in the human genome. <i>Genomics</i> , 1990 , 8, 699-704	4.3	67
162	Delayed hemolysis after treatment with parenteral artesunate in African children with severe malaria--a double-center prospective study. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1921-8	7	63
161	Life cycle studies of the hexose transporter of Plasmodium species and genetic validation of their essentiality. <i>Molecular Microbiology</i> , 2010 , 75, 1402-13	4.1	62
160	Intramuscular bioavailability and clinical efficacy of artesunate in gabonese children with severe malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 3933-9	5.9	62
159	Antischistosomal activity of artemisinin derivatives in vivo and in patients. <i>Pharmacological Research</i> , 2016 , 110, 216-226	10.2	61
158	Standardized data collection for multi-center clinical studies of severe malaria in African children: establishing the SMAC network. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2006 , 100, 615-22	2	61
157	Waking up to sleeping sickness. <i>Trends in Parasitology</i> , 2003 , 19, 195-7	6.4	61
156	Mechanistic Investigation of the Specific Anticancer Property of Artemisinin and Its Combination with Aminolevulinic Acid for Enhanced Anticancer Activity. <i>ACS Central Science</i> , 2017 , 3, 743-750	16.8	60
155	Mechanism of antimalarial action of the synthetic trioxolane RBX11160 (OZ277). <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 667-72	5.9	59
154	Thiamine deficiency and malaria in adults from southeast Asia. <i>Lancet, The</i> , 1999 , 353, 546-9	40	56

153	Erythrocyte survival in severe falciparum malaria. <i>Acta Tropica</i> , 1991 , 48, 263-70	3.2	55
152	Antidogmatic approaches to artemisinin resistance: reappraisal as treatment failure with artemisinin combination therapy. <i>Trends in Parasitology</i> , 2013 , 29, 313-7	6.4	54
151	Multiple splice variants encode a novel adenylyl cyclase of possible plastid origin expressed in the sexual stage of the malaria parasite <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2003 , 278, 22014-22	5.4	54
150	Amplification of <i>Plasmodium falciparum</i> multidrug resistance gene 1 in isolates from Gabon. <i>Journal of Infectious Diseases</i> , 2005 , 192, 1830-5	7	54
149	Artemisinins and the biological basis for the PfATP6/SERCA hypothesis. <i>Trends in Parasitology</i> , 2010 , 26, 517-23	6.4	53
148	A Temporizing Solution to "Artemisinin Resistance". <i>New England Journal of Medicine</i> , 2019 , 380, 2087-2092	6.9	52
147	Purified E255L mutant SERCA1a and purified PfATP6 are sensitive to SERCA-type inhibitors but insensitive to artemisinins. <i>Journal of Biological Chemistry</i> , 2010 , 285, 26406-16	5.4	52
146	Metal ion transport and regulation in <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 2996-3006	2.8	50
145	Glucose and lactate kinetics in children with severe malaria. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1569-76	5.6	50
144	Mutations in the <i>Plasmodium falciparum</i> chloroquine resistance transporter, PfCRT, enlarge the parasite's food vacuole and alter drug sensitivities. <i>Scientific Reports</i> , 2015 , 5, 14552	4.9	49
143	Investigations into the role of the <i>Plasmodium falciparum</i> SERCA (PfATP6) L263E mutation in artemisinin action and resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3842-52	5.9	49
142	Artesunate-clindamycin versus quinine-clindamycin in the treatment of <i>Plasmodium falciparum</i> malaria: a randomized controlled trial. <i>Clinical Infectious Diseases</i> , 2005 , 40, 1777-84	11.6	49
141	History and perspectives of medical research at the Albert Schweitzer Hospital in Lambaré, Gabon. <i>Wiener Klinische Wochenschrift</i> , 2007 , 119, 8-12	2.3	48
140	Population pharmacokinetics of artesunate and dihydroartemisinin following intra-rectal dosing of artesunate in malaria patients. <i>PLoS Medicine</i> , 2006 , 3, e444	11.6	48
139	Laboratory markers of disease severity in <i>Plasmodium knowlesi</i> infection: a case control study. <i>Malaria Journal</i> , 2012 , 11, 363	3.6	47
138	Safety and immunogenicity of rVSV-ZEBOV-GP Ebola vaccine in adults and children in Lambaré, Gabon: A phase I randomised trial. <i>PLoS Medicine</i> , 2017 , 14, e1002402	11.6	46
137	Evaluation of three rapid diagnostic tests for the detection of human infections with <i>Plasmodium knowlesi</i> . <i>Malaria Journal</i> , 2014 , 13, 60	3.6	46
136	Dose-dependent T-cell Dynamics and Cytokine Cascade Following rVSV-ZEBOV Immunization. <i>EBioMedicine</i> , 2017 , 19, 107-118	8.8	45

135	Plasmodium knowlesi genome sequences from clinical isolates reveal extensive genomic dimorphism. <i>PLoS ONE</i> , 2015 , 10, e0121303	3.7	45
134	Assessment of volume depletion in children with malaria. <i>PLoS Medicine</i> , 2004 , 1, e18	11.6	45
133	Acute respiratory distress syndrome in Plasmodium vivax malaria: case report and review of the literature. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007 , 101, 655-9	2	43
132	A prospective comparison of malaria with other severe diseases in African children: prognosis and optimization of management. <i>Clinical Infectious Diseases</i> , 2003 , 37, 890-7	11.6	43
131	Glucose and Lactate Kinetics in Children with Severe Malaria. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1569-1576	5.6	43
130	Determinants of antibody persistence across doses and continents after single-dose rVSV-ZEBOV vaccination for Ebola virus disease: an observational cohort study. <i>Lancet Infectious Diseases</i> , 2018 , 18, 738-748	25.5	42
129	Detection of arsenical drug resistance in Trypanosoma brucei with a simple fluorescence test. <i>Lancet</i> , 2005 , 366, 486-7	4.0	42
128	In vitro study of the anti-cancer effects of artemisone alone or in combination with other chemotherapeutic agents. <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 67, 569-77	3.5	41
127	Expression of thrombospondin-related anonymous protein in Plasmodium falciparum sporozoites. <i>Lancet</i> , 1992 , 339, 1412-3	4.0	41
126	Likely health outcomes for untreated acute febrile illness in the tropics in decision and economic models; a Delphi survey. <i>PLoS ONE</i> , 2011 , 6, e17439	3.7	40
125	Prognostic value of circulating pigmented cells in African children with malaria. <i>Journal of Infectious Diseases</i> , 2009 , 199, 142-50	7	40
124	The molecular basis of folate salvage in Plasmodium falciparum: characterization of two folate transporters. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44659-68	5.4	40
123	Population pharmacokinetics of intramuscular quinine in children with severe malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 1803-9	5.9	40
122	Susceptibility of human Plasmodium knowlesi infections to anti-malarials. <i>Malaria Journal</i> , 2013 , 12, 4253.6	3.6	39
121	Intrahost selection of Plasmodium falciparum pfmdr1 alleles after antimalarial treatment on the northwestern border of Thailand. <i>Journal of Infectious Diseases</i> , 2007 , 195, 134-41	7	39
120	Proteomic analysis of the Plasmodium male gamete reveals the key role for glycolysis in flagellar motility. <i>Malaria Journal</i> , 2014 , 13, 315	3.6	38
119	Glutathione transport: a new role for PfCRT in chloroquine resistance. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 683-95	8.4	38
118	New biomarkers for stage determination in Trypanosoma brucei rhodesiense sleeping sickness patients. <i>Clinical and Translational Medicine</i> , 2013 , 2, 1	5.7	38

117	Cerebrospinal fluid neopterin as marker of the meningo-encephalitic stage of <i>Trypanosoma brucei</i> gambiense sleeping sickness. <i>PLoS ONE</i> , 2012 , 7, e40909	3.7	38
116	Intramuscular Artesunate for Severe Malaria in African Children: A Multicenter Randomized Controlled Trial. <i>PLoS Medicine</i> , 2016 , 13, e1001938	11.6	37
115	Population kinetics, efficacy, and safety of dichloroacetate for lactic acidosis due to severe malaria in children. <i>Journal of Clinical Pharmacology</i> , 2003 , 43, 386-96	2.9	36
114	The prognostic value of measures of acid/base balance in pediatric falciparum malaria, compared with other clinical and laboratory parameters. <i>Clinical Infectious Diseases</i> , 2005 , 41, 948-57	11.6	36
113	A vacuolar iron-transporter homologue acts as a detoxifier in <i>Plasmodium</i> . <i>Nature Communications</i> , 2016 , 7, 10403	17.4	35
112	Disease progression in <i>Plasmodium knowlesi</i> malaria is linked to variation in invasion gene family members. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3086	4.8	35
111	Cytoadherence and virulence - the case of <i>Plasmodium knowlesi</i> malaria. <i>Malaria Journal</i> , 2012 , 11, 33	3.6	35
110	Are adaptive randomised trials or non-randomised studies the best way to address the Ebola outbreak in west Africa?. <i>Lancet Infectious Diseases</i> , 2015 , 15, 738-45	25.5	34
109	Use of a selective inhibitor to define the chemotherapeutic potential of the plasmodial hexose transporter in different stages of the parasite's life cycle. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2824-30	5.9	33
108	Comparative characterization of hexose transporters of <i>Plasmodium knowlesi</i> , <i>Plasmodium yoelii</i> and <i>Toxoplasma gondii</i> highlights functional differences within the apicomplexan family. <i>Biochemical Journal</i> , 2002 , 368, 923-9	3.8	33
107	Anti-inflammatory cytokines predominate in acute human <i>Plasmodium knowlesi</i> infections. <i>PLoS ONE</i> , 2011 , 6, e20541	3.7	32
106	Inhibition of hexose transport and abrogation of pH homeostasis in the intraerythrocytic malaria parasite by an O-3-hexose derivative. <i>FEBS Letters</i> , 2004 , 570, 93-6	3.8	32
105	The effect of dosing strategies on the therapeutic efficacy of artesunate-amodiaquine for uncomplicated malaria: a meta-analysis of individual patient data. <i>BMC Medicine</i> , 2015 , 13, 66	11.4	31
104	A simplified intravenous artesunate regimen for severe malaria. <i>Journal of Infectious Diseases</i> , 2012 , 205, 312-9	7	31
103	Pumped up: reflections on PfATP6 as the target for artemisinin. <i>Trends in Pharmacological Sciences</i> , 2014 , 35, 4-11	13.2	30
102	The Nramp orthologue of <i>Cryptococcus neoformans</i> is a pH-dependent transporter of manganese, iron, cobalt and nickel. <i>Biochemical Journal</i> , 2005 , 385, 225-32	3.8	30
101	Artemether resistance in vitro is linked to mutations in PfATP6 that also interact with mutations in PfMDR1 in travellers returning with <i>Plasmodium falciparum</i> infections. <i>Malaria Journal</i> , 2012 , 11, 131	3.6	29
100	Proteomic fingerprinting for the diagnosis of human African trypanosomiasis. <i>Trends in Parasitology</i> , 2005 , 21, 154-7	6.4	29

99	Delayed haemolysis after artesunate treatment of severe malaria - review of the literature and perspective. <i>Travel Medicine and Infectious Disease</i> , 2015 , 13, 143-9	8.4	28
98	Hepatotoxicity by combination treatment of temozolomide, artesunate and Chinese herbs in a glioblastoma multiforme patient: case report review of the literature. <i>Archives of Toxicology</i> , 2017 , 91, 1833-1846	5.8	28
97	Expression of substrate-specific transporters encoded by Plasmodium falciparum in Xenopus laevis oocytes. <i>Molecular and Biochemical Parasitology</i> , 1998 , 93, 81-9	1.9	28
96	Retaking sleeping sickness control in Angola. <i>Tropical Medicine and International Health</i> , 2004 , 9, 141-8	2.3	28
95	The Plasmodium berghei Ca(2+)/H(+) exchanger, PbCAX, is essential for tolerance to environmental Ca(2+) during sexual development. <i>PLoS Pathogens</i> , 2013 , 9, e1003191	7.6	27
94	Assessment of pfmdr 1 gene copy number by tandem competitive polymerase chain reaction. <i>Molecular and Biochemical Parasitology</i> , 1997 , 85, 161-9	1.9	27
93	Delayed parasite elimination in human infections treated with clindamycin parallels delayed death of Plasmodium falciparum in vitro. <i>International Journal for Parasitology</i> , 2007 , 37, 777-85	4.3	26
92	Case reports: pernicious complications of benign tertian malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2003 , 97, 551-3	2	26
91	Short-course artesunate treatment of uncomplicated Plasmodium falciparum malaria in Gabon. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 901-4	5.9	26
90	Prognostic indicators in adults hospitalized with falciparum malaria in Western Thailand. <i>Malaria Journal</i> , 2013 , 12, 229	3.6	25
89	Plasmodial sugar transporters as anti-malarial drug targets and comparisons with other protozoa. <i>Malaria Journal</i> , 2011 , 10, 165	3.6	25
88	Expression in yeast links field polymorphisms in PfATP6 to in vitro artemisinin resistance and identifies new inhibitor classes. <i>Journal of Infectious Diseases</i> , 2013 , 208, 468-78	7	24
87	Transport processes in Plasmodium falciparum-infected erythrocytes: potential as new drug targets. <i>International Journal for Parasitology</i> , 2002 , 32, 1567-73	4.3	24
86	The relevance of malaria pathophysiology to strategies of clinical management. <i>Current Opinion in Infectious Diseases</i> , 2005 , 18, 369-75	5.4	24
85	Rainbow trout glucose transporter (OnmyGLUT1): functional assessment in Xenopus laevis oocytes and expression in fish embryos. <i>Journal of Experimental Biology</i> , 2001 , 204, 2667-2673	3	24
84	Repurposing Antimalarials to Tackle the COVID-19 Pandemic. <i>Trends in Parasitology</i> , 2021 , 37, 8-11	6.4	24
83	Clinical implications of Plasmodium resistance to atovaquone/proguanil: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 581-595	5.1	22
82	The wisdom of crowds and the repurposing of artesunate as an anticancer drug. <i>Ecancermedicalscience</i> , 2015 , 9, ed50	2.7	22

81	Plasma nitrogen oxides and blood lactate concentrations in Ghanaian children with malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1997 , 91, 298-302	2	22
80	Neopterin is a cerebrospinal fluid marker for treatment outcome evaluation in patients affected by <i>Trypanosoma brucei gambiense</i> sleeping sickness. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2088	4.8	21
79	Exploiting the therapeutic potential of <i>Plasmodium falciparum</i> solute transporters. <i>Trends in Parasitology</i> , 2010 , 26, 284-96	6.4	21
78	Antimalarial activity of a synthetic endoperoxide (RBx-11160/OZ277) against <i>Plasmodium falciparum</i> isolates from Gabon. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 1535-7	5.9	21
77	<i>Plasmodium berghei</i> : lactic acidosis and hypoglycaemia in a rodent model of severe malaria; effects of glucose, quinine, and dichloroacetate. <i>Experimental Parasitology</i> , 1991 , 72, 123-33	2.1	20
76	Transport proteins of <i>Plasmodium falciparum</i> : defining the limits of metabolism. <i>International Journal for Parasitology</i> , 2001 , 31, 1331-42	4.3	19
75	Molecular markers of anti-malarial drug resistance in Central, West and East African children with severe malaria. <i>Malaria Journal</i> , 2017 , 16, 217	3.6	18
74	New antimalarial targets: the example of glucose transport. <i>Travel Medicine and Infectious Disease</i> , 2008 , 6, 58-66	8.4	18
73	The hexose transporter of <i>Plasmodium falciparum</i> is a worthy drug target. <i>Acta Tropica</i> , 2004 , 89, 371-4	3.2	18
72	Cation metabolism in malaria-infected red cells. <i>Experimental Parasitology</i> , 1989 , 69, 402-6	2.1	18
71	Comparison of effects of green tea catechins on apicomplexan hexose transporters and mammalian orthologues. <i>Molecular and Biochemical Parasitology</i> , 2009 , 168, 113-6	1.9	17
70	Polymerase chain reaction for the detection of <i>Burkholderia pseudomallei</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 1997 , 29, 121-7	2.9	17
69	Detectable Vesicular Stomatitis Virus (VSV)-Specific Humoral and Cellular Immune Responses Following VSV-Ebola Virus Vaccination in Humans. <i>Journal of Infectious Diseases</i> , 2019 , 219, 556-561	7	16
68	Evidence for Regulation of Hemoglobin Metabolism and Intracellular Ionic Flux by the <i>Plasmodium falciparum</i> Chloroquine Resistance Transporter. <i>Scientific Reports</i> , 2018 , 8, 13578	4.9	16
67	Studies with the <i>Plasmodium falciparum</i> hexokinase reveal that PfHT limits the rate of glucose entry into glycolysis. <i>FEBS Letters</i> , 2013 , 587, 3182-7	3.8	15
66	Proteomic approaches in the search for biomarkers of liver fibrosis. <i>Trends in Molecular Medicine</i> , 2010 , 16, 171-83	11.5	15
65	Interaction of O-(undec-10-en)-yl-D-glucose derivatives with the <i>Plasmodium falciparum</i> hexose transporter (PfHT). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 4934-7	2.9	15
64	IgG Seroconversion and Pathophysiology in Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Emerging Infectious Diseases</i> , 2021 , 27,	10.2	15

63	Molecular assays for antimalarial drug resistance surveillance: A target product profile. <i>PLoS ONE</i> , 2018 , 13, e0204347	3.7	15
62	Effect of artemisinins and amino alcohol partner antimalarials on mammalian sarcoendoplasmic reticulum calcium adenosine triphosphatase activity. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 103, 209-13	3.1	14
61	Analysis of Plasmodium vivax hexose transporters and effects of a parasitocidal inhibitor. <i>Biochemical Journal</i> , 2004 , 381, 905-9	3.8	14
60	The disposition and effects of two doses of dichloroacetate in adults with severe falciparum malaria. <i>British Journal of Clinical Pharmacology</i> , 1996 , 41, 29-34	3.8	14
59	Severe malaria in children leads to a significant impairment of transitory otoacoustic emissions--a prospective multicenter cohort study. <i>BMC Medicine</i> , 2015 , 13, 125	11.4	13
58	Nitric oxide generation in children with malaria and the NOS2G-954C promoter polymorphism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R1248-53	3.2	13
57	Identification, expression and characterisation of a Babesia bovis hexose transporter. <i>Molecular and Biochemical Parasitology</i> , 2008 , 161, 124-9	1.9	13
56	Characterization of P-type ATPase 3 in Plasmodium falciparum. <i>Molecular and Biochemical Parasitology</i> , 2001 , 116, 117-26	1.9	13
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